

References

American Association of State Highway and Transportation Officials. Volume VII-Highway Drainage Guidelines, Hydraulic Analyses for the Location and Design of Bridges, AASHTO Task Force on Hydrology and Hydraulics. 1992.

Federal Highway Administration. Hydraulics of Bridge Waterways, HDS-1. 1978.

Federal Highway Administration. Drainage of Highway Pavements, HEC-12. 1984.

Federal Highway Administration. The Design of Encroachments on Floodplains Using Risk Analysis, HEC-17. 1980.

Federal Highway Administration. Evaluating Scour at Bridges, Third Edition, HEC-18. November 1995

Federal Highway Administration. Stream Stability at Highway Structures, HEC-20. 1991.

Federal Highway Administration. Design of Bridge Deck Drainage, HEC-21. May 1993.

Federal Highway Administration. Bridge Scour and Stream Instability Countermeasures, HEC-23. July 1997.

Federal Highway Administration. Highways in the River Environment-Hydraulic and Environmental Design Considerations, Training and Design Manual, Federal Highway Administration. December 1988.

Federal Highway Administration. Federal Highway Program Manual, Vol. 6, Ch. 7, Sec. 3, Subsec. 2. November 1979.

Shearman, J.O. WSPRO User's Instructions, U.S. Geological Survey. September 1990.

U.S. Army Corps of Engineers. HEC-2 Water Surface Profiles, User's Manual, version 4.6. September 1990.

U.S. Army Corps of Engineers. Accuracy of Computed Water Surface Profiles. December 1986.

Kindsvater, C.E. Discharge Characteristics of Embankment-Shaped Weirs, U.S. Geological Survey, WSP 1607-A. 1964.

Matthai, H.F. Measurement of Peak Discharge at Width Contractions by Indirect Methods, U.S. Geological Survey, Techniques of Water Resources Investigations, Book 3, Ch. A4. 1967.

Schneider, V.R., J.W. Board, B.E. Colson, F.N. Lee, and L. Druffel. Computation of Backwater and Discharge at Width Constriction of Heavily Vegetated Floodplains, U.S. Geological Survey, WRI 76-129. 1977.

U.S. Army Corps of Engineers. HEC-RAS River Analysis System, User's Manual-Draft, Version 2.0. April 1997.

Molinas, Albert. BRI-STARS, User's Manual, NCHRP. March 1994.

Tidal Hydraulic Modeling For Bridges Users Manual, Pooled Fund Study SPR-3(22), Development Of Hydraulic Computer Models To Analyze Tidal and Coastal Stream Hydraulic Conditions At Highway Structures – Phase II, Ayres Associates, 1997

C.R. Neill, Guide to Bridge Hydraulics, Roads and Transportation Association of Canada, 1973